



PATENT 1248-0472P

## IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

Hideaki FUJITA et al.

Conf.:

8686

Appl. No.:

09/444,460

Group:

2874

Filed:

November 22, 1999

Examiner: S. Knauss

For:

ORGANIC WAVEGUIDE AND MANUFACTURING

METHOD THEREOF AND OPTICAL PART USING

THE SAME

LARGE ENTITY TRANSMITTAL FORM

JUL 29 2002 2002 TECHNOLOGY CENTER 2840

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	44	_	44	=	0	\$18	\$0.00
INDEPENDENT	9	-	11	=	0	\$84	\$0.00
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						\$280	\$0.00
,						TOTAL	\$0.00

Appl. No. 09/444,460

	Petition for () month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
$\boxtimes$	No fee is required.
	Check(s) in the amount of \$0.00 is(are) enclosed.
	Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Ry / WWWY Ste

art, #21,066

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ATTACHMENT

(Rev. 09/27/01)

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REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents Washington, DC 20231

July 24, 2002

Sir:

In reply to the Examiner's Office Action dated April 24, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

## IN THE CLAIMS:

Please amend the claims as follows:

1. (Three Times Amended) An organic waveguide comprising:

a substrate;

a buffer layer over the substrate;

a core section over the buffer layer, the core section being made of organic polymer; and

a clad section covering an upper surface of the core section and made of imorganic dielectric having a lower refractive index